3249 Fitzgerald Road Rancho Cordova, CA 95742

July 09, 2009

CLS Work Order #: CSF0869 COC #: 94811,83105

Jeff Huggins CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova, CA 95670-6114

Project Name: Walker Mine

Enclosed are the results of analyses for samples received by the laboratory on 06/19/09 08:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D. Laboratory Director

Need las defection 11-0,00 -005 phy 9 GHOOT of defection SPECIAL INSTRUCTIONS Sample ball thanks for boster 94811 Sample PRINT NAME / COMPANY Heave hise the ë ☐ YES ALT. (F. t. LOG NO (5) = H<sub>2</sub>SO<sub>4</sub> (6) = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> QUOTE # 7. Co GEOTRACKER: **EDF REPORT** YAQ TURN AROUND TIME 10 GLOBAL ID: FIELD CONDITIONS: 5 YAQ CONDITIONS / COMMENTS Pease Can るな。上でWガー AIR BILL# (3) = COLD (4) = NaOH COMPOSITE: S YAO RECEIVED BY (SIGN) issolved f YAQ please run 10/2/px/ ANALYSIS REQUESTED (1) HCL (2) HNO<sub>3</sub> CLS ID No.; 6/19/09 8,00am DATE / TIME OTHER. CHAIN OF CUSTODY Plustic CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742 DESTINATION LABORATORY CONTAINER CLIENT JOB NUMBER Jeff Hagins-RWacB Š PRINT NAME / COMPANY Ŋ OTHER MATRIX Xate X 196 Delaw Braws Calsin Hais WM-42 49" CLIVEL GC above 10:00 WM-3 DC-Downston DC about Beard 1)C-Upskeam Engloss#44639 164/11/5 THE P JOB DESCRIPTION Rob HE (1 13:05 WM-6-43FS CA 95120 roctal IDENTIFICATION eticia Naladez SAMPLE entral Valley Regional Worker County PROJECT NAME WELKER MINE 6-18-09 9:45 WW-5 REPORT TO: FEDX 12:20 WM-9 eff Huggins/ 3 colo WMJ 10:45 WM-A 15:30 WM-1 12 OF S. KENT-L RELINQUISHED BY (SIGN) 5:00 WM Sing NX ercloda, SITE LOCATION PLUMES Hagains CLS - Labs TIME NAME AND ADDRESS SHIPPED BY: Ranche SAMPLED BY DATE

841 0 2 New law acted in it to Metal SPECIAL INSTRUCTIONS LOG NO. 83105 PRINT NAME / COMPANY ë □YES 9 ALT.  $(5) = H_2SO_4$   $(6) = Na_2S_2O_3$ INVOICE TO: QUOTE # PO. # GEOTRACKER: **EDF REPORT** Χ¥α **TURN AROUND TIME** GLOBAL ID: FIELD CONDITIONS: YAG CONDITIONS / COMMENT AIR BILL# ç (3) = COLD (4) = NaOH COMPOSITE: S YAG RECEIVED BY (SIGN) CLS ID No.; USFOX r YAG ANALYSIS, REQUESTED Biogan PRESERVATIVES: DATE / TIME 80-61-9 OTHER CHAIN OF CUSTODY CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742 Plastic **DESTINATION LABORATORY** CONTAINER NO. TYP CLIENT JOB NUMBER Huggins RUBCB PRINT NAME / COMPANY OTHER 3 MATRIX Water SBWC MBW かったいのと アインと 14:50 NM-13 REPORT TO: H.yoMM-12 14:20 NM-11 FEDX RELINQUISHED BY (SIGN) 5:0 WM-1 2000 CLS - Labs SUSPECTED CONSTITUENTS TIME SHIPPED BY: NAME AND ADDRESS SITE LOCATION 6 18 B DATE

07/09/09 08:08

CRWQCB - Sacramento

Project: Walker Mine

11020 Sun Center Drive, Ste. 200

Project Number: [none]

CLS Work Order #: CSF0869

Rancho Cordova CA, 95670-6114

Project Manager: Jeff Huggins

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	n Batch	Prepared	Analyzed	Method	Notes
WM-5 (LGC/MIS) (CSF0869-01) Water	Sampled: 0	6/18/09 09:45	Receive	d: 06/19/	09 08:00				
Total Alkalinity	44	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	44	5.0	II	11	II.	n	n	o o	
Carbonate as CaCO3	ND	5.0	н	11	а	11	u ·	II .	
Hydroxide as CaCO3	ND	5.0	II.	п	u	H	If	и	
Chloride	0.76	0.50	. 11	и	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	82	1.0	μmhos/cm	Ħ	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	7.3	1.0	и	n	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.7	1.0	н	If	IT	n	11	11	
Potassium	ND	1.0	n	n	и.,	n	II .	H	
Sodium	3.0	1.0	п	11	n	u	н	· n	
Hardness as CaCO3	30	1.0	н	n	11	U	"	11	
рН	7.01	0.01	pH Units	11	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	. ND	0.50	mg/L	н	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	68	10	tr	ŧı	CS04623	06/22/09	06/23/09	SM2540C	
WM-3 (DC-Downstream) (CSF0869-02) V	Water Samp	oled: 06/18/09	10:00 R	Received:	06/19/09 0	8:00			
Total Alkalinity	61	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	61	5.0	11		u	н	II .	п	
Carbonate as CaCO3	ND	5.0	H	n	н .	11	и	н	
Hydroxide as CaCO3	ND	5.0	n	. 11	n	*1	u	и	
Chloride	0.77	0.50	II .	11	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	μmhos/cm	11	CS04605	06/22/09	06/22/09	EPA 120.1	•
Methylene Blue Active Substances	ND	0.10	mg/L	If	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	11	и	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.4	1.0	11	н	п	n	Ħ	п	
Potassium	ND	1.0	u	n n	If	11	n	n	
Sodium	2.5	1.0	II .	u	11	u	n	U	
Hardness as CaCO3	49	1.0	н	ıı	If	n	и .	If	
рН	7.23	0.01	pH Units	п	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.4	0.50	mg/L	11	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	91	10	11	11	CS04623	06/22/09	06/23/09	SM2540C	
WM-1 (Portal) (CSF0869-03) Water Sai	mpled: 06/19:		ceived. N	5/10/00 A					

07/09/09 08:08

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods

WM-1 (Portal) (CSF0869-03) Water Total Alkalinity	Sampled: 06/18/			Dilution	n Batch	Prepared	Analyzed	Method	Notes
Total Alkalinity		09 10:30 F	Received: 0	6/19/09 (	08:00				 •
	57	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	57	5.0	11	n	U	u	11	11	
Carbonate as CaCO3	ND	5.0	H	n	H	If	it.	11	
-lydroxide as CaCO3	ND	5.0	н	ır	11	If	n	9	
Chloride	0.89	0.50	II	H	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	110	1.0	μmhos/cm	n	CS04605	06/22/09	06/22/09	EPA 120.1	
lexavalent Chromium	ND	10	μg/L	O	CS04578	06/19/09	06/19/09	EPA 7196A	
łexavalent Chromium, Dissolved	ND	10	н	12	n	ıı	II	n .	
Methylene Blue Active Substances	ND	0.10	mg/L		CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	10	1.0	U	11	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.9	1.0	n	17	н	11	it	n .	
Potassium	. ND	1.0	Л	и	u	н	н	tt.	
Sodium	4.5	1.0	ti .	n	u.	11	11	н	
Iardness as CaCO3	41	1.0		11	и	II	n	11	
Н	7.33	0.01	pH Units	It	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.1	0.50	mg/L	11	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	96	10	11	11	CS04623	06/22/09	06/23/09	SM2540C	
VM-2 (DC-Upstream) (CSF0869-04)	Water Sampled	: 06/18/09 1	0:45 Rece	ived: 06	/19/09 08:0	0 -	•		
Total Alkalinity	70	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	70	5.0	11	11	11	. 11	tı	н	
Carbonate as CaCO3	ND	5.0	11	н	0	II .	0	н	
Iydroxide as CaCO3	ND	5.0	11	11	II	H.	И	11	
Chloride	0.83	0.50	If	u.	CS04624	06/22/09	06/22/09	EPA 300.0	
pecific Conductance (EC)	140	1.0	μmhos/cm	ıı	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	12	1.0	n n	11	CS04674	06/27/09	06/27/09	200.7/2340B	
/lagnesium	6.2	1.0	II.	н	If	н	n .	n	
otassium	ND	1.0	ır	11	11	11	n	11	•
odium	2.5	1.0	11	н	ti	II.	If	ıı	
Hardness as CaCO3	56	1.0	u	n	u.	n .	11	ıı	
Н	7.59	0.01	pH Units	n	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
ulfate as SO4	ND	0.50	mg/L	11	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	100	10	1116/12	u	CS04623	06/22/09	06/23/09	SM2540C	

07/09/09 08:08

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Rancho Cordova CA, 95670-6114

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Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-4 @ 48' Culvert (CSF0869-05) Water	Sampled:	06/18/09 12	:00 Recei	ved: 06/1	9/09 08:00				
Total Alkalinity	65	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	65	5.0	n ·	ıı	II.	II.	H	0	
Carbonate as CaCO3	ND	5.0	u	n	11	n	· III	11	
Hydroxide as CaCO3	ND	5.0	И	II	U	u	n	11	
Chloride	0.78	0.50	и	n	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	μmhos/cm	n	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	u	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	ij	Ħ	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.2	1.0	n	11	11	n	11	u	
Potassium	ND	1.0	n	11	"	11	н	II	
Sodium	2.6	1.0	Ü	n	и	11	11	. 11	
Hardness as CaCO3	50	1.0	11	u	11	Ħ	Ħ	·u	
рН	7.66	0.01	pH Units	*1	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.5	0.50	mg/L	tı	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	89	10	0	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-9 (Brown's Cabin) (CSF0869-06) Wat	er Sample	ed: 06/18/09	12:20 Re	ceived: 00	6/19/09 08:	00			
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	50	5.0	11	11	. "	II .	u	н	
Carbonate as CaCO3	ND	5.0	н	и	u	11	11	п	
Hydroxide as CaCO3	· ND	5.0	11	. 11	п.	n ·	ņ	u	
Chloride	0.76	0.50	п	11*	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	100	1.0	μmhos/cm	11	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	10	1.0	0	11	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.1	1.0	11	n	11	п	"	n	
Potassium	ND	1.0	II.	n	n	п	n	. "	
Sodium	3.1	1.0		11	If	11	. н	10	
Hardness as CaCO3	38	1.0	u ·	н	, и	u	Ħ	11	
pH	7.79	0.01	pH Units	и	CS04566	06/19/09	. 06/19/09	SM4500-H B	HT-F
Sulfate as SO4	3.7	0.50	mg/L	If	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	81	10	11	. "	CS04623	06/22/09	06/23/09	SM2540C	
WM-6 (MSFS Dam) (CSF0869-07) Water		06/18/09 13:	05 Pagain	od: 06/10	)/N9 N8·N0				

07/09/09 08:08

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Project: Walker Mine

11020 Sun Center Drive, Ste. 200

Project Number: [none]

CLS Work Order #: CSF0869

Rancho Cordova CA, 95670-6114

Project Manager: Jeff Huggins

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit		Dilutio	n Batch	Prepared	Analyzed	Method	Notes
WM-6 (MSFS Dam) (CSF0869-07) Water	Sampled:	06/18/09 13:	05 Receiv	ed: 06/1	9/09 08:00				····
Total Alkalinity	60	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	60	5.0	0	11	11	11	н	If	
Carbonate as CaCO3	ND	5.0	It	11	11	11	u.	и .	
Hydroxide as CaCO3	ND	5.0	tt	н	0	n	11	H	
Chloride	0.78	0.50	0	u u	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	150	1.0	μmhos/cm	ıı	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	15	1.0	II	11	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.2	1.0	Ħ	11	Iţ	u	п	H .	
Potassium	1.1	1.0	It	II.	11	11	11	и	
Sodium	3.2	1.0	11	н	. "	11	н	11	
Hardness as CaCO3	56	1.0	11	II.	n	11	n	н	
pH	7.76	0.01	pH Units	11	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	17	0.50	mg/L	D	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	110	10	11	11	CS04623	06/22/09	06/23/09	SM2540C	
WM-7 (LGC above DC) (CSF0869-08) Wa	ter Sample	ed: 06/18/09	13:00 Re	ceived: (	06/19/09 08:	00			
Total Alkalinity	47	5.0	mg/L	I	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	47	5.0	O.	If	u	11	11	II .	
Carbonate as CaCO3	ND	5.0	н	"	II	U	II	н	
Hydroxide as CaCO3	ND	5.0	11	11	11	И	н	ti .	
Chloride	0.76	0.50	lt.	II	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	99	1.0	μmhos/cm	11	CS04605	06/22/09	06/22/09	EPA 120.1	•
Methylene Blue Active Substances	ND	0.10	mg/L	11	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	9.4	1.0	†I	и	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.0	1.0	ıı	11	u	u	n	II	
Potassium	ND	1.0	н	II .	II.	tt	n	ti	
Sodium	3.0	1.0	11	n	ď	11		IT	
Hardness as CaCO3	36	1.0	и	H	ii .	It	н	n	
pH	7.68	0.01	pH Units	#	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	2.8	0.50	mg/L	u	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	75	10	н	It	CS04623	06/22/09	06/23/09	SM2540C	•
WM-7A (DC above new MSFS Realignmen	t) (CSF0869	-09) Water	Sampled	: 06/18/0	9 12:25 R	eceived: 06/	19/09 08:00	1	

07/09/09 08:08

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Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

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COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	. Notes
WM-7A (DC above new MSFS Realign	ment) (CSF0869	-09) Water	Sampled	l: 06/18/0	9 12:25	Received: 06	5/19/09 08:00	)	
Total Alkalinity	65	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	65	5.0	IŤ	n	й	11	n	н	
Carbonate as CaCO3	ND	5.0	0	"	11	. 11	И	**	
Hydroxide as CaCO3	ND	5.0	u	11	н	n	n	11	
Chloride	0.79	0.50	ti	U	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	11 .	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	11	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	u	и	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.8	1.0	n	Iţ	ıı	II .	. "	0	
Potassium	ND	1.0	и "	u	u .	n	II	ti	
Sodium	2.7	1.0	и	II.	"	"	11	н	
Hardness as CaCO3	47	1.0	u u	ti	11	11	Ħ	If	
рΉ	8.02	0.01	pH Units	Ħ	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.6	0.50	mg/L	н	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	89	10	н	n	CS04623	06/22/09	06/23/09	SM2540C	
WM-7B (DC Realignment above LGC)	(CSF0869-10) V	Vater Sam	pled: 06/1	8/09 13:4	0 Recei	ved: 06/19/09	08:00		
Total Alkalinity	60	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	60	5.0	11	II	Ħ	н	0	H	
Carbonate as CaCO3	ND	5.0	п	u	n	0	Ħ	11	
Hydroxide as CaCO3	ND	5.0	II .	u	11	**	tt	11	
Chloride	0.78	0.50	11	n	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	. 1.0	μmhos/cm	n	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	n	CS04588	8 06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	u	Ħ	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.7	1.0	u	11	n	11	11	If	
Potassium	ND	1.0	<b>11</b> .	Ħ	IT	, 11	Ħ	11	
Sodium	2.7	1.0	11	U	11	n ·	II	" .	
Hardness as CaCO3	46	1.0	11	11	ij	n	11	"	
pH	8.06	0.01	pH Units	н	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.7	0.50	mg/L	0	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	82	10	"	11	CS04623	06/22/09	06/23/09	SM2540C	
WM-7C (LGC above DC Realignment)	(CSF0860 11) V	Vator San	anled: 06/1	18/09 13-4	45 Recei	ved: 06/19/0	9 08:00	•	

07/09/09 08:08

CRWOCB - Sacramento

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Rancho Cordova CA, 95670-6114

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COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	porting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-7C (LGC above DC Realignment	t) (CSF0869-11) Water	Sar	npled: 06/1	8/09 13:4	5 Receive	ed: 06/19/0	9 08:00		
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	50	5.0	U	н	и	II	н	н	*
Carbonate as CaCO3	ND	5.0	It	н	п	п	н	н	
Hydroxide as CaCO3	ND	5.0	. н	11	п	н	11	н	
Chloride	0.74	0.50	11	".	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	99	1.0	μmhos/cm	n	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	n	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	8.9	1.0	11	11	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.8	1.0	II	†I	и	11	. "	п	
Potassium	ND	1.0	u.	u	11	n	11	. "	
Sodium	3.1	1.0	ti	Ħ	u	u	11	11	
Hardness as CaCO3	33	1.0	n	ıı	II .	u	II	D	
pН	7.37	0.01	pH Units	п	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	2.4	0.50	mg/L	11	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	79	10	11	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-8 (LGC below DC) (CSF0869-12)	Water Sampled: 06	/18/09	14:00 Re	ceived: 0	6/19/09 08	:00	,		•
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	50	5.0	11	u	R	u .	0	n	
Carbonate as CaCO3	ND	5.0	n	II	U	U	n	н .	
Hydroxide as CaCO3	ND	5.0	11	11	n	u	u	n	
Chloride	0.76	0.50	0 .	и	CS04624	06/22/09	06/22/09	EPA 300.0	•
Specific Conductance (EC)	100	1.0	μmhos/cm	н	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	n	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	9.6	1.0	It	U	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.1	1.0	II	u	11	u	"	u ·	
Potassium	ND	1.0	11	. 11	n	11	II	11	
Sodium	3.0	1.0	11	"	tt	н	п	и	
Hardness as CaCO3	36	1.0	11	н	n	н	11	п	
pH	7.73	0.01	pH Units	н	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	3.8	0.50	. mg/L	п	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	81	10	"	н	CS04623	06/22/09	06/23/09	SM2540C	
WM-11 (SBWC) (CSF0869-13) Water	Sampled: 06/18/09 1	4:30	Received.	06/19/09	08:00			•	

07/09/09 08:08

CRWOCB - Sacramento

Project: Walker Mine

11020 Sun Center Drive, Ste. 200

Project Number: [none]

CLS Work Order #: CSF0869

Rancho Cordova CA, 95670-6114

Project Manager: Jeff Huggins

COC #: 94811,83105

#### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-11 (SBWC) (CSF0869-13) Water	Sampled: 06/1	8/09 14:30	Received:	06/19/09	08:00				
Total Alkalinity	18	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	18	5.0	II	. п	n	и	. 11	H .	
Carbonate as CaCO3	ND	5.0	п	н	ti .	u	u	n	
Hydroxide as CaCO3	ND	5.0	IT	H	11	n	11	II .	
Chloride	0.70	0.50	. н	11	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	39	1.0	μmhos/cm	'n	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	ti .	CS04588	06/19/09	06/19/09	SM5540 C	i
Calcium	3.2	1.0	II	n	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	1.0	1.0	н		n	и	0	н	
Potassium	ND	1.0	п	u	If	11	n	11	
Sodium	1.8	1.0	11	H	**	11	0	n	
Hardness as CaCO3	12	1.0	11	11	11	11	n	n .	
рН	6.82	0.01	pH Units	ıı	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	n	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	59	10	11	n	CS04623	06/22/09	06/23/09	SM2540C	
WM-12 (MBWC) (CSF0869-14) Water	Sampled: 06/	18/09 14:40	Received	l: 06/19/0	9 08:00				
Total Alkalinity	21	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	21	5.0	. 11	n	11	11	ti	п	
Carbonate as CaCO3	ND	5.0	11	17	II	11	u	и	
Hydroxide as CaCO3	ND	5.0	11	11	н	η.,	u	II .	
Chloride	0.72	0.50	ţI	17	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	38	1.0	μmhos/cm	n	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	II	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	3.2	1.0	11	H	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	1.5	1.0	11	H	u	II.	11	U	
Potassium	ND	1.0	ti .	и	н	ıı	11	. "	
Sodium	1.2	1.0	u	и,	u	H.	II	ıı	
Hardness as CaCO3	14	1.0	**	H	. "	II.	H	II.	
pH	6.22	0.01	pH Units	11	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	и	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	30	10	11	If	CS04623	06/22/09	06/23/09	SM2540C	
WM-13 (Nye Crk) (CSF0869-15) Water	Sampled: 06	/18/09 14:50	Receive	d: 06/19/0	9 08:00				

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine
Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-13 (Nye Crk) (CSF0869-15) Water	Sampled: 06/	18/09 14:50	Received	l: 06/19/0	9 08:00		·		
Total Alkalinity	38.	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	38	5.0	н	п	н	11	Ħ		
Carbonate as CaCO3	ND	5.0	10	. 11	u	II .	11	n n	
Hydroxide as CaCO3	ND	5.0	II .	. "	†I	n			
Chloride	0.73	0.50	11	If	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	74	1.0	μmhos/cm	11	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	. "	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	7.0	1.0	.00	11	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.8	1.0	II	11	0	ii	п		
Potassium	ND	1.0	11	u	n ´	11	П		
Sodium	1.8	1.0	n	"	U	u	ŧı	11	
Hardness as CaCO3	29	1.0	n	11	н	11	Iţ	II	
pH	7.20	0.01	pH Units	n	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	н	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	29	10	ıı	n	CS04623	06/22/09	06/23/09	SM2540C	
WM-17 (NBWC) (CSF0869-16) Water	Sampled: 06/3	18/09 15:00	Received	: 06/19/09	08:00				
Total Alkalinity	77	5.0	mg/L	1	CS04589~	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	77	5.0	. 11	u	11	11	U	II .	
Carbonate as CaCO3	ND	5.0		11	If	н	11		
Hydroxide as CaCO3	ND	5.0	u	. #	u	<b>n</b> .	11	H	
Chloride	0.84	0.50	II .	11	CS04624	06/22/09	06/22/09	EPA 300.0	•
Specific Conductance (EC)	160	1.0	μmhos/cm	II	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	n	CS04588	06/19/09.	06/19/09	SM5540 C	
Calcium	14	1.0	н		CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.8	1.0	u	11	н	II	11	н	
Potassium	1.3	1.0	II	II	ч	11 '	ti	11	•
Sodium	3.1	1.0	Ħ	R	u	II	If .	11	
Hardness as CaCO3	59	1.0	II .	н	n	u	11		
pH	7.95	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	н	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	110	10	n .	11	CS04623	06/22/09	06/23/09	SM2540C	

07/09/09 08:08

CRWQCB - Sacramento

Project: Walker Mine

11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114

Project Number: [none] Project Manager: Jeff Huggins CLS Work Order #: CSF0869

COC #: 94811,83105

#### Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
WM-5 (LGC/MIS) (CSF0869-01) Water	Sampled: 0	6/18/09 09:45	Recei	ved: 06/19/0	9 08:00	·× -		· ·	
Aluminum	29	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	11	11	н	11		n	
Copper	ND	1.0	er	U	ti	II	и	11	
Iron	370	100	11	2		Ħ	н	n	
Zinc	ND	2.0	11	. 1	11	n	11	II	
Cadmium	ND	0.50	n	u	ű	11	н	11	
WM-3 (DC-Downstream) (CSF0869-02) V	Vater Sam	oled: 06/18/09	10:00	Received:	06/19/09 0	8:00			
Aluminum	34	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	II	It	u	11	u	tt	
Copper	13	1.0	H .	11	II	n	n '	. "	
Iron	260	100	11	2	n	Ħ	D	11	
Zinc	4.9	2.0	н	1	O	n	tl	ır	
Cadmium	ND	0.50	11	TT .	II	tt.	n	И	
WM-1 (Portal) (CSF0869-03) Water Sai	mpled: 06/18/	09 10:30 Red	ceived:	06/19/09 08	3:00				
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	14	2.0	н	п	II	11	11	II .	
Copper	98	1.0	0	11	И	II .	u	н	
Iron	ND	50	11	II.	11	U	ıı		•
Zinc	26	2.0	н	и	O	11	п	· · ·	
Cadmium	ND	0.50	ű	11	Ħ	U .	U	н	
WM-2 (DC-Upstream) (CSF0869-04) Wat	er Sampleo	l: 06/18/09 10:	45 Re	ceived: 06/	19/09 08:0	0.		•	
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	,
Arsenic	ND	2.0	0	11	н	H	II .	er e	
Copper	ND	1.0	19	u	11	Ħ	11	H	
Iron	ND	50	11	R	II	n	u	tt	
Zinc	ND	2.0	11	"	II	ıı	H	II .	
Cadmium	ND	0.50	11	n	н	п	n	II	
WM-4 @ 48' Culvert (CSF0869-05) Water	r Sampled:	06/18/09 12:0	0 Rec	eived: 06/19	0/09 08:00				
Aluminum	22	20	μg/L	1 (	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	u	tr	11	If	н	n	
Copper	18	1.0	O O	11	ıı	11	11	ti	

07/09/09 08:08

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	ı Batch	Prepared	Analyzed	Method	Note
WM-4 @ 48' Culvert (CSF0869-	05) Water Sampled:	06/18/09 12:	00 Rec	eived: 06/1	19/09 08:00				
Zinc	4.0	2.0	μg/L	1	CS04678	11	06/23/09	EPA 200.8	
Cadmium	ND	0.50	и ·	'n	11	11	. "	It	
WM-9 (Brown's Cabin) (CSF086	69-06) Water Sample	d: 06/18/09 1	12:20 R	leceived: 0	6/19/09 08:	:00			
Aluminum	21	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	11	"	#	11	u	
Copper	10	1.0	"	н	II	Ħ	lt .	ti .	
Iron	360	100	n	2	tt	n	II		
Zinc	ND	2.0	If	1	II	U	Ħ	ıı	
Cadmium	ND	0.50	II	п	н	n	н	II .	
WM-6 (MSFS Dam) (CSF0869-0	7) Water Sampled: 0	6/18/09 13:0	5 Rece	ived: 06/19	9/09 08:00				
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	11	и	".	II	"	ti .	
Copper	100	1.0	u	u	tt	· m	11	n	
Iron	680	250	U	5	If	Ħ	n	. п	
Zinc	13	2.0	0	1	II	11	11	. "	
Cadmium	ND	0.50	U	и .	ır	11	, 0	O O	
WM-7 (LGC above DC) (CSF08	69-08) Water Sample	ed: 06/18/09	13:00 F	Received: 0	6/19/09 08	:00			
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	н	11	и	u	н	н	
Copper	3.4	1.0	н	u	11	II.	и	н	
Iron	360	100	11	2	U	n	11 .	N	•
Zinc	ND	2.0	11	1	11	и	a	11	
Cadmium	ND	0.50	n .	п	11	н	u	11	
WM-7A (DC above new MSFS F	Realignment) (CSF0869	0-09) Water	Sampl	ed: 06/18/0	9 12:25 F	Received: 06	5/19/09 08:00		
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	n	н	н	11	н	• н	
Copper	26	. 1.0	ıt	. "	ц	11	. н	н	
Iron	230	100	0	2	н	11	н	н	
Zinc	3.6	2.0	Ħ	1	н	11	,	n	
Cadmium	ND	0.50	п	. 11		11	u	n	
WM-7B (DC Realignment above			pled: 06	/18/09 13:4	10 Receive	ed: 06/19/09	08:00		
Aluminum	35	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	······································
Numinum .	33	20	μg/L	1	C307070	00123109	00123103		

07/09/09 08:08

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Project: Walker Mine

11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

#### Metals by EPA 200 Series Methods

Analyte	. Result	Leporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
WM-7B (DC Realignment above LGC	) (CSF0869-10) Wat	er San	npled: 06/	18/09 13:40	0 Receiv	ed: 06/19/09	08:00		
Arsenic	ND	2.0	μg/L	I	CS04678	н	06/23/09	EPA 200.8	M*************************************
Copper	22	1.0	tt	H	n	11	11	II.	
Iron	180	50	n	11	н	If	tt	n	
Zinc	9.3	2.0	н	и	U	n	n'	If	
Cadmium	ND	0.50	10,	U	Ħ	II	0	И	
WM-7C (LGC above DC Realignment	) (CSF0869-11) Wat	er San	pled: 06/	18/09 13:45	5 Receive	ed: 06/19/09	08:00		
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	ıı	u	n	u	"	tr	
Copper	ND	1.0	n	11	H .	н .	u	н	
Iron	440	250	II	5	II.	u	If	11	
Zinc	ND	2.0	11	1	11	II	n	n	•
Cadmium	ND	0.50	If	U	11	n	۳.	н	
WM-8 (LGC below DC) (CSF0869-12)	Water Sampled: 0	6/18/09	14:00 R	eceived: 06	5/19/09 08	:00			
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	If	D	н	11	11	н	
Copper	9.9	1.0	n	н	If	u	H	ti	•
(ron	380	100	n .	2	tt .	tt	п	u	
Zinc	2.8	2.0	11	1	n .	u	II.	н	
Cadmium .	ND	0.50	0,	11	11	н	fi	u	
WM-11 (SBWC) (CSF0869-13) Water	Sampled: 06/18/09	14:30	Received	: 06/19/09 0	08:00				
Aluminum	22	20	μg/L	1 (	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	Ħ	II.	11	11	II	и	
Copper	3.7	1.0	u	11	и	II	11	U	
ron	ND	50	II	O	н	н	If	и	
Zinc	2.8	2.0	n	. If	u	O	It	11	
Cadmium	ND	0.50	11	11	II	It	11	. 11	
WM-12 (MBWC) (CSF0869-14) Water	Sampled: 06/18/09	14:40	Received	l: 06/19/09	08:00				
Aluminum	25	- 20	μg/L	1 (	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	u	0	11	U	н	
Copper	5.6	1.0	11	H ·	11	u	н	u	
ron	ND	50	u	н	tt	U	α,	II.	

07/09/09 08:08

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

#### Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 (MBWC) (CSF0869-14) Water	Sampled: 06/	18/09 14:40	Receive	d: 06/19/09	08:00				
Cadmium	ND	0.50	μg/L	1	CS04678	и	06/23/09	EPA 200.8	
WM-13 (Nye Crk) (CSF0869-15) Water	Sampled: 06/	18/09 14:50	Receive	ed: 06/19/0	9 08:00				
Aluminum	ND	20	μg/L	. 1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	u	11	н	11	11	U	
Copper	ND	1.0	0	0	н	II .	II .	u	
Iron	ND	50	tt	H .	Ħ	H	II.	n	
Zinc	ND	2.0	11	H.	u u	н	11	IT	
Cadmium	ND	0.50	н	. "	0	n	11	II	
WM-17 (NBWC) (CSF0869-16) Water	Sampled: 06/1	8/09 15:00	Received	d: 06/19/09	08:00				
Aluminum	ND	20	μg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	11	."	н	l†	Ħ	n	
Copper	ND .	1.0	11	0	п	H	11	н	
Iron	ND	50	11	11	n	If	**	н	
Zinc	· ND	2.0	11	11	п	ıı	Ħ	п	
Cadmium	ND	0.50	11	ur	п	n	Ħ	ti .	

07/09/09 08:08

CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
WM-5 (LGC/MIS) (CSF0869-01) Water		5/18/09 09:45							
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	·
Arsenic	ND	5.0	"	H	11	"	**	ft	
Copper	ND	2.0	ıı	It	11	11	II .	н	
Iron	ND	50	n	n	ti	н -	ıı	If	
Zinc	ND	2.0	11	n	н	н	II.	If	
Cadmium	ND	0.50	n	u	n	n .	n	If	
WM-3 (DC-Downstream) (CSF0869-02) \	Vater Sam	pled: 06/18/09	10:00	Received: (	06/19/09 0	8:00			
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	11	"	tr	11	11	н	
Copper	8.8	2.0	n	11	н	n	It	#1	
(ron	100	50	Ħ	O.	u	и		If	
Zinc	6.1	2.0	11	11	II	н	11	11	
Cadmium	ND	0.50	11	н	II.	, 11	н	и	
WM-1 (Portal) (CSF0869-03) Water Sa	mpled: 06/18	/09 10:30 Re	ceived:	06/19/09 08	3:00				<u> </u>
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	13	5.0	11	11	If	u	11	0	
Copper	84	2.0	и	n	11	u	11	n	
(ron	53	50	IT	и.	H	n	Ħ	н	
Zinc	23	2.0	11	11	11	n,	R	п	
Cadmium	ND	0.50	11	U	11	†I	It	• н	
WM-2 (DC-Upstream) (CSF0869-04) Wa	ter Sample	d: 06/18/09 10	:45 R	eceived: 06/	19/09 08:0	0			
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	11	n	tr.	n	O	.00	
Copper	ND	2.0	U	"	11	'n	11	11	
iron	ND	50	11	11	н	n	, H	п	
Zinc	ND	2.0	tt	11	u	н	11	И	•
Cadmium	ND	0.50	n	п	n	u	ti	a ·	
WM-4 @ 48' Culvert (CSF0869-05) Wate	er Sampled	06/18/09 12:	00 Red	ceived: 06/19	9/09 08:00				
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	. ND	5.0	U	п	11	н	II	If	
Copper	14	2.0	u	. 11	п	n	11	n	
Iron	130	50	11	It	n	u.	11	U	
~· · · · ·		- •							

07/09/09 08:08

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
WM-4 @ 48' Culvert (CSF0869-05) Water	Sampled:	06/18/09 12:	00 Rec	eived: 06/1	9/09 08:00	)	14		
Zinc	3.2	2.0	μg/L	1	CS04693	II	06/24/09	EPA 200.8	
Cadmium	ND	0.50	"	н	11	н	. "	n	
WM-9 (Brown's Cabin) (CSF0869-06) Water	er Sampl	ed: 06/18/09 1	2:20 R	leceived: 06	/19/09 08	:00			
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	11	II	11	н	II .	И	
Copper	<b>7.1</b>	2.0	If	11	п	н	И	H	
Iron	250	100	11	2	u	Ħ	11 .	11	
Zinc	ND	2.0	11	1	u	n	n	11	
Cadmium	ND	0.50	ti	ıı	n	11	tt	п	
WM-6 (MSFS Dam) (CSF0869-07) Water	Sampled:	06/18/09 13:0	5 Rece	ived: 06/19	/09 08:00				
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	н	11	II	11	н	ii .	
Copper	38	2.0	11	u	0 .	U	и	n	
Iron	180	50	11	II.	п	0	н		
Zinc	9.2	2.0	tt	ıı	n	II	11		
Cadmium	ND	0.50	u	н	II	II	11	IT	•
WM-7 (LGC above DC) (CSF0869-08) Wat	er Sampl	ed: 06/18/09 1	3:00 R	Received: 00	5/19/09 08	:00			
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	11	u	. 11	н .	n	II.	
Copper	2.9	2.0	11	и	#	II	11	If	
Iron	260	100	II .	2	H	11	ti.	И	
Zinc	2.6	2.0	If	1	"	11	н	a a	
. Cadmium	ND	0.50	11	11	11	. 0	11	n	
WM-7A (DC above new MSFS Realignmen	t) (CSF086	9-09) Water	Sample	ed: 06/18/0	9 12:25 I	Received: 06	/19/09 08:00		
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	n	II.	n	н	n	. "	
Copper	22	2.0	li	п	It	и	11	n	
Iron	180	50	n		11	Ħ	u	II .	
Zinc	4,3	2.0	11		u	11	u	11	
Cadmium	ND	0.50	11	н	It	11	11	11	
WM-7B (DC Realignment above LGC) (CS)	F0869-10) <b>'</b>	Water Sam	oled: 06/	/18/09 13:4	0 Receiv	ed: 06/19/09	08:00		
Aluminum	ND	. 20	μg/L	I	CS04693	06/24/09	06/24/09	EPA 200.8	
m			, ,						

07/09/09 08:08

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Project: Walker Mine

11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114

Project Number: [none] Project Manager: Jeff Huggins CLS Work Order #: CSF0869

COC #: 94811,83105

#### Metals (Dissolved) by EPA 200 Series Methods

		Reporting						***************************************	
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
WM-7B (DC Realignment above LGC)	(CSF0869-10) Wa	ater San	pled: 06/	18/09 13:40	Receive	ed: 06/19/09	9 08:00		
Arsenic	ND	5.0	μg/L	1	CS04693	11	06/24/09	EPA 200.8	
Copper	18	2.0	n	ı	n	Ħ	н	11	
Iron	120	50	11	11	'n	II	n	II .	
Zinc	2.6	2.0	11	u	U	11	n	It	
Cadmium	ND	0.50	Ħ	и	H	O	u ·	н	
WM-7C (LGC above DC Realignment)	(CSF0869-11) Wa	ater Sam	pled: 06/	18/09 13:45	Receive	ed: 06/19/09	08:00		
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0		и	IT	<b>u</b> .	n	И	
Copper	ND	2.0	IT	11	11	. "	U	II	
Iron	300	100	11	2	11	и.	a	11	
Zinc	ND	2.0	n	1	n	11	If	U	
Cadmium	ND	0.50	u	н	If	9	n	II .	
WM-8 (LGC below DC) (CSF0869-12)	Water Sampled:	06/18/09	14:00 R	eceived: 06	/19/09 08:	:00			
Aluminum	ND .	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	11	IT	n	11	H ,	n	
Copper	6.1	2.0	Ü	н	н	11	н	II	
Iron	230	100	n .	2	11	11	11	, "	
Zinc	ND	2.0	11	1	и	11	If	11	
Cadmium	ND ·	0.50	u	11	11	11	n	II .	
WM-11 (SBWC) (CSF0869-13) Water	Sampled: 06/18/0	09 14:30	Received	: 06/19/09 0	8:00				
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	ņ	"	If	II	11	It	
Copper	3.5	2.0	It	11	11	If	tt.	n .	
Iron	ND	50	17	11	11	11	u	н	
Zinc	3.5	2.0	11	· n	n	u	u	n .	
Cadmium	ND	0.50	11	It	n	n	н	0	
WM-12 (MBWC) (CSF0869-14) Water	Sampled: 06/18/	/09 14:40	Received	i: 06/19/09	08:00				
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	#	U	W ,	11 ·	It	11	
Copper	4.9	2.0	н	п	11	11	It	#1	
Iron	ND	50	0	Ħ	н	II	n	н	
Zinc	ND	2.0	. 11	н ′	n		lt .	11 '	

07/09/09 08:08

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 (MBWC) (CSF0869-14) Water	Sampled: 06/	18/09 14:40	Receive	d: 06/19/09	08:00				
Cadmium	ND	0.50	μg/L	1	CS04693	n	06/24/09	EPA 200.8	
WM-13 (Nye Crk) (CSF0869-15) Water	Sampled: 06	18/09 14:50	Receive	ed: 06/19/0	9 08:00				
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	н	н	н	U	н	11	
Copper	ND	2.0	H	н	"	n	н	н	
Iron	ND	50	н	11	11	U	п	n	
Zinc	ND	2.0	. "	11	n	O O	H	н	
Cadmium	ND	0.50	и	11	п	U	Ħ		
WM-17 (NBWC) (CSF0869-16) Water	Sampled: 06/1	8/09 15:00	Received	1: 06/19/09	08:00				
Aluminum	ND	20	μg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	н	И	н	0	п	u	
Copper	ND	2.0	· ·	п	н	u	н	. 0	
Iron	ND	50	н	11	н	u	If	u	
Zinc	ND	2.0	п	11	н	u	u	u	
Cadmium	ND	0.50	н	11	n	n	If	n .	

07/09/09 08:08

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Project: Walker Mine

11020 Sun Center Drive, Ste. 200

Project Number: [none]

CLS Work Order #: CSF0869

Rancho Cordova CA, 95670-6114

Project Manager: Jeff Huggins

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch CS04578 - General Preparatio	n					<del></del>				
Blank (CS04578-BLK1)				Prepared	& Analyz	ed: 06/19/	09			
Hexavalent Chromium	ND	10	μg/L							
Hexavalent Chromium, Dissolved	ND	10	n							
LCS (CS04578-BS1)				Prepared	& Analyze	ed: 06/19/0	09			
Hexavalent Chromium	273	10	μg/L	250		109	85-115			
Hexavalent Chromium, Dissolved	273	10	u	250		109	80-120			
LCS Dup (CS04578-BSD1)				Prepared	& Analyze	ed: 06/19/0	09		٠	
Hexavalent Chromium	266	10	μg/L	250		106	85-115	3	20	
Hexavalent Chromium, Dissolved	. 266	10	11	250		106	80-120	3	20	
Matrix Spike (CS04578-MS1)	Sour	ce: CSF084	48-01	Prepared a	& Analyze	ed: 06/19/0	09			
Hexavalent Chromium	206	10	μg/L	250	ND	82	85-115			QM-7
Hexavalent Chromium, Dissolved	206	10	Ħ	250	ND	82	80-120			
Matrix Spike Dup (CS04578-MSD1)	Sour	ce: CSF084	48-01	Prepared 6	& Analyze	d: 06/19/0	09			
Hexavalent Chromium	206	10	μg/L	250	ND	82	85-115	0	20	QM-7
Hexavalent Chromium, Dissolved	206	10	11	250	ND	82	80-120	0	20	
Batch CS04588 - General Preparatio	n	·								
Blank (CS04588-BLK1)				Prepared of	& Analyze	d: 06/19/0	)9			
Methylene Blue Active Substances	ND	0.10	mg/L							
LCS (CS04588-BS1)				Prepared o	& Analyze	d: 06/19/0	)9			
Methylene Blue Active Substances	0.576	0.10	mg/L	0.500		115	80-120		-	

07/09/09 08:08

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Project:

Walker Mine

11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04588 - General Preparation							-			
LCS Dup (CS04588-BSD1)				Prepared a	& Analyze	d: 06/19/0				
Methylene Blue Active Substances	0.563	0.10	mg/L	0.500		113	80-120	2	20	
Matrix Spike (CS04588-MS1)	Sou	urce: CSF086	i9-01	Prepared a	& Analyze	d: 06/19/0	າ <u>9</u>			
Methylene Blue Active Substances	0.582	0.10	mg/L	0.500	ND	116	75-125			
Matrix Spike Dup (CS04588-MSD1)	Sor	urce: CSF086	i9-01	Prepared &	& Analyze	d: 06/19/0	)9			
Methylene Blue Active Substances	0.603	0.10	mg/L	0.500	ND	121	75-125	3	25	
Batch CS04589 - General Preparation Blank (CS04589-BLK1)				Prepared o	& Analyze	:d: 06/19/0	)9			
Blank (CS04589-BLK1)				Prepared .	& Analyze	ed: 06/19/	U9			
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	н							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
Duplicate (CS04589-DUP1)	So	urce: CSF081	17-01	Prepared .	& Analyze	ed: 06/19/	09			
Total Alkalinity	44.2	5.0	mg/L		46.6			5	20	
Bicarbonate as CaCO3	44.2	5.0	"		46.6			5	20	
Carbonate as CaCO3	ND	5.0	u		ND		4		20	
Hydroxide as CaCO3	ND	5.0	u	•	ND				20	
Batch CS04605 - General Preparation									<u></u>	
Blank (CS04605-BLK1)				Prepared	& Analyze	:d: 06/22/	09			
Specific Conductance (EC)	ND	1.0	μmhos/cm	n						

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07/09/09 08:08

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04623 - General Preparation							-			
Blank (CS04623-BLK1)				Prepared:	06/22/09	Analyzed	: 06/23/09			
Total Dissolved Solids	ND	10	mg/L		-					
Duplicate (CS04623-DUP1)	So	urce: CSF089	98-02	Prepared:	06/22/09	Analyzed	: 06/23/09			
Total Dissolved Solids	992	10	mg/L		996			0.4	20	
Batch CS04624 - General Prep										
Blank (CS04624-BLK1)				Prepared	& Analyz	ed: 06/22/0	)9			
Chloride	ND	0.50	mg/L							
Sulfate as SO4	ND	0.50	u							
LCS (CS04624-BS1)				Prepared of	& Analyz	ed: 06/22/0	)9			
Chloride	2.00	0.50	mg/L	2.00		100	80-120			
Sulfate as SO4	5.05	0.50	tt	5.00		101	80-120			
LCS Dup (CS04624-BSD1)				Prepared 6	& Analyz	ed: 06/22/0	)9			
Sulfate as SO4	5.09	0.50	mg/L	5.00		102	80-120	0.8	20	
Chloride	2.01	0.50	11	2.00		101	80-120	0.6	20	
Matrix Spike (CS04624-MS1)	Sou	ırce: CSF086	9-01	Prepared o	& Analyze	ed: 06/22/0	)9			
Sulfate as SO4	5.15	0.50	mg/L	5.00	0.290	97	75-125			
Chloride	2.22	0.50	11	2.00	0.762	73	75-125			QM-
Matrix Spike Dup (CS04624-MSD1)	Sou	rce: CSF086	9-01	Prepared a	& Analyze	ed: 06/22/0	19			
Chloride	2.39	0.50	mg/L	2.00	0.762	81	75-125	7	25	
Sulfate as SO4	5.80	0.50	u	5.00	0.290	110	75-125	12	25	

07/09/09 08:08

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11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04674 - 6010A/No Digestion										
Blank (CS04674-BLK1)				Prepared:	06/23/09	Analyzed	d: 06/27/09		-	
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	11							
Potassium	ND	1.0	It							
Sodium	ND	1.0	11							
Hardness as CaCO3	ND	1.0	"							
LCS (CS04674-BS1)				Prepared:	06/23/09	Analyzed	l: 06/27/09			
Calcium	8.72	1.0	mg/L	10.0		87	80-120			
Magnesium	8.20	1.0	n	10.0	•	82	80-120	•		
Potassium	9.15	1.0	II	10.0		91	80-120			
Sodium	8.90	1.0	Ħ	10.0		89	80-120			
LCS Dup (CS04674-BSD1)				Prepared:	06/23/09	Analyzed	1: 06/27/09			
Calcium	9.05	1.0	mg/L·	10.0		91	80-120	4	20	
Magnesium	8.48	1.0	u	10.0		85	80-120	3	20	
Potassium	9.36	1.0	U	10.0		94	80-120	2	20	
Sodium	9.14	1.0	If	10.0		91	80-120	3	20	
Matrix Spike (CS04674-MS1)	Sou	rce: CSF086	9-01	Prepared:	06/23/09	Analyzed	: 06/27/09			
Calcium	17.4	1.0	mg/L	10.0	7.35	101	75-125			
Magnesium	11.7	1.0	н	10.0	2.74	90	75-125			
Potassium	10.5	1.0	11	10.0	ND	105	75-125			
Sodium	12.6	1.0	II.	10.0	3.05	96	75-125			
Matrix Spike Dup (CS04674-MSD1)	Sou	rce: CSF086	9-01	Prepared:	06/23/09	Analyzed	: 06/27/09			
Calcium	17.8	1.0	mg/L	10.0	7.35	105	75-125	2	25	
Magnesium	12.0	1.0	er e	10.0	2.74	93	75-125	3	25	
Potassium	10.7	1.0	. 11	10.0	ND	107	75-125	3	25	
Sodium	12.8	1.0	Ħ	10.0	3.05	97	75-125	1	25	

07/09/09 08:08

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Project: Walker Mine

11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114

Project Number: [none] Project Manager: Jeff Huggins CLS Work Order #: CSF0869

COC #: 94811,83105

#### Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04678 - EPA 3020A										
Blank (CS04678-BLK1)				Prepared	& Analyze	ed: 06/23/0	09			
Aluminum	ND	20	μg/L							
Arsenic	ND	2.0	и							
Copper	ND	1.0	п							
ron	ND	50	U							
Linc	ND	2.0	u							
Cadmium	ND	0.50	It							
LCS (CS04678-BS1)				Prepared of	& Analyze	d: 06/23/0	09			
Aluminum	100	20	μg/L	100		100	80-120			
Arsenic	103	2.0	0	100		103	80-120			
Copper	102	1.0	11	100		102	80-120			
ron	102	50	11	100		102	80-120			
Linc	103 .	2.0	н	100		103	80-120			
Cadmium	10.3	0.50	n	10.0		103	80-120			
LCS Dup (CS04678-BSD1)				Prepared a	& Analyze	d: 06/23/0	)9			
Numinum	101	20	μg/L	100		101	80-120	0.4	20	
Arsenic	105	2.0	11	100		105	80-120	2	20	
Copper	103	1.0	11	100		103	80-120	0.7	20	
ron	91.8	50	• "	100		92	80-120	10	20	
inc	102	2.0	11	100		102	80-120	0.3	20	
Cadmium	10.5	0.50	н	10.0		105	80-120	2	20	
Aatrix Spike (CS04678-MS1)	Sou	rce: CSF086	59-01	Prepared of	& Analyze	d: 06/23/0	)9			
Muminum	123	20	μg/L	100	29.2	94	75-125			
Arsenic	105	2.0	. 0	100	ND	105	75-125			
Copper	100	1.0	n	100	0.780	99	75-125			
ron	465	50	It	100	373	91	75-125			
inc	101	2.0	II	100	1.77	99	75-125			
Cadmium	10.4	0.50	· n	10.0	ND	104	75-125			

07/09/09 08:08

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11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04678 - EPA 3020A										
Matrix Spike (CS04678-MS2)	Sour	ce: CSF080	59-10	Prepared	& Analyze	d: 06/23/0	09			
Aluminum	125	20	μg/L	100	35.2	90	75-125			
Arsenic	103	2.0	U	100	ND	103	75-125			
Copper	117	1.0	U	100	22.2	95	75-125			·
Iron	263	50	Ħ	100	177	86	75-125			
Zinc	98.6	2.0	n	100	9.34	89	75-125			
Cadmium	10.2	0.50	n	10.0	ND	102	75-125			
Matrix Spike Dup (CS04678-MSD1)	Sour	ce: CSF086	59-01	Prepared	& Analyze	ed: 06/23/0	)9 <sup>.</sup>			
Aluminum	123	20	μg/L	100	29.2	94	75-125	0.04	25	
Arsenic	106	2.0	If	100	ND	106	75-125	0.9	25	
Copper ·	99.3	1.0	п	100	0.780	98	75-125	I	25	
fron	449	50	11	100	373	76	75-125	3	25 ^	
Zinc	103	2.0	0	100	1.77	101	75-125	2	25	
Cadmium	10.7	0.50	17	10.0	ND	107	75-125	3	25	
Matrix Spike Dup (CS04678-MSD2)	Sour	ce: CSF086	59-10	Prepared	& Analyze	d: 06/23/0	)9			
Aluminum	124	20	μg/L	100	35.2	88	75-125	0.9	25	
Arsenic	103	2.0	11	100	ND	103	75-125	0.4	25	
Copper	116	1.0	U	100	22.2	94	75-125	0.9	25	
fron	265	50	II	100	177	88	75-125	0.9	25	
Zinc	98.0	2.0	н	100	9.34	89	75-125	0.6	25	
Cadmium	10.2	0.50	11	10.0	ND	102	75-125	0.6	25	

07/09/09 08:08

CRWQCB - Sacramento

11020 Sun Center Drive, Ste. 200

Rancho Cordova CA, 95670-6114

Project: Walker Mine

Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

### Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04693 - EPA 3020A								·		
Blank (CS04693-BLK1)				Prepared	& Analyze	ed: 06/24/	09			
Aluminum	ND	20	μg/L							
Arsenic	ND .	5.0	11		•					
Copper	ND	2.0	п							
ron	ND	50	н							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	. "							
LCS (CS04693-BS1)				Prepared	& Analyze	ed: 06/24/	09			
Aluminum	97.3	20	μg/L	100		97	80-120			
Arsenic	98.4	5.0	u	100	Λ.	98	80-120			
Copper	98.6	2.0	0	100		99	80-120	•		
lron	101	50	ti	100		101	80-120			
Zinc	100	2.0	ti	100		100	80-120			
Cadmium	9.93	0.50	111	10.0		99	80-120			
LCS Dup (CS04693-BSD1)				Prepared	& Analyze	ed: 06/24/	09			
Aluminum	99.1	20	μg/L	100		99	80-120	2	20	
Arsenic	98.3	5.0	n	100		98	80-120	0.08	20	•
Copper	104	2.0	11	100		104	80-120	5	20	
Iron	116	50	нJ	100		116	80-120	13	20	
Zinc	102	2.0	0	100		102	80-120	1	20	
Cadmium	9.97	0.50	11	10.0		100	80-120	0.4	20	
Matrix Spike (CS04693-MS1)	So	urce: CSF08	69-01	Prepared	& Analyz	ed: 06/24/	09			
Aluminum	102	20	μg/L	100	6.14	96	75-125			
Arsenic	98.9	5.0		<b>⇒</b> 100	ND	99	75-125			
Copper	95.9	2.0	Ħ	100	0.370	96	75-125			
Iron	328	50	11	100	21.3	307	75-125			QM
Zinc	98.1	2.0	ti .	100	ND	98	75-125			
Cadmium	9.75	0.50	n	10.0	ND	98	75-125	•		

07/09/09 08:08

CRWOCB - Sacramento

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Project: Walker Mine

11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project Number: [none]

CLS Work Order #: CSF0869

Project Manager: Jeff Huggins

COC #: 94811,83105

### Metals (Dissolved) by EPA 200 Series Methods - Quality Control

	Reporting			Spike Source			%REC RPI			)		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes		
Batch CS04693 - EPA 3020A												
Matrix Spike (CS04693-MS2)	Sour	ce: CSF08	69-10	Prepared	& Analyz	ed: 06/24/	09					
Aluminum	104	20	μg/L	100	13.4	91	75-125					
Arsenic	98.9	5.0	**	100	ND	99	75-125					
Copper	111	2.0	u	100	17.7	94	75-125					
Iron ·	240	50	If	100	124	116	75-125					
Zinc	97.8	2.0	11	100	2.64	95	75-125					
Cadmium	9.87	0.50	0	10.0	ND	99	75-125					
Matrix Spike Dup (CS04693-MSD1)	Sour	ce: CSF080	59-01	Prepared of	& Analyz	ed: 06/24/0	09					
Aluminum	103	20	μg/L	100	6.14	97	75-125	1	25			
Arsenic	100	5.0	11	100	ND	100	75-125	1	25			
Copper	97.7	2.0	It	100	0.370	97	75-125	2	25			
Iron	338	50	н	100	21.3	316	75-125	3	25	QM-		
Zinc	99.5	2.0	11	100	ND	100	75-125	1	25			
Cadmium	10.2	0:50	If	10.0	ND	102	75-125	5	25			
Matrix Spike Dup (CS04693-MSD2)	Sour	ce: CSF086	59-10	Prepared &	& Analyze	ed: 06/24/0	)9					
Aluminum	103	20	μg/L	100	13.4	89	75-125	2	25			
Arsenic	98.4	5.0	н	100	ND	98	75-125	0.5	25			
Copper	110	2.0	11	100	17.7	93	75-125	0.8	25			
Iron	264	50	U	100	124	140	75-125	10	25	QM-		
Zinc	100	2.0	If	100	2.64	98	75-125	3	25	-		
Cadmium	9.97	0.50	н	10.0	ND	100	75-125	1	25			

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114 Project: Walker Mine
Project Number: [none]

Project Manager: Jeff Huggins

CLS Work Order #: CSF0869

COC #: 94811,83105

#### Notes and Definitions

QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

HT-F This is a field test method and it is performed in the lab outside holding time.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference